

5566185

371973

FIG. 1 PRIOR ART

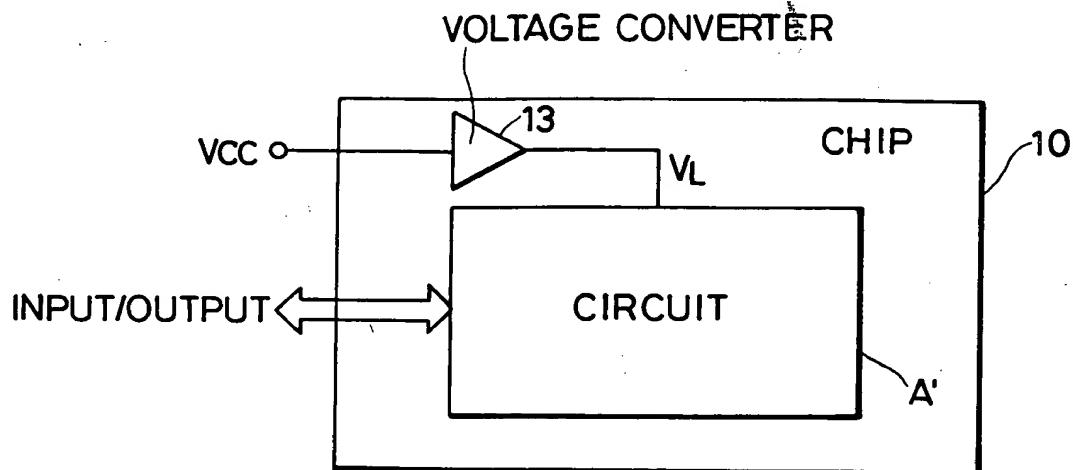


FIG. 2 PRIOR ART

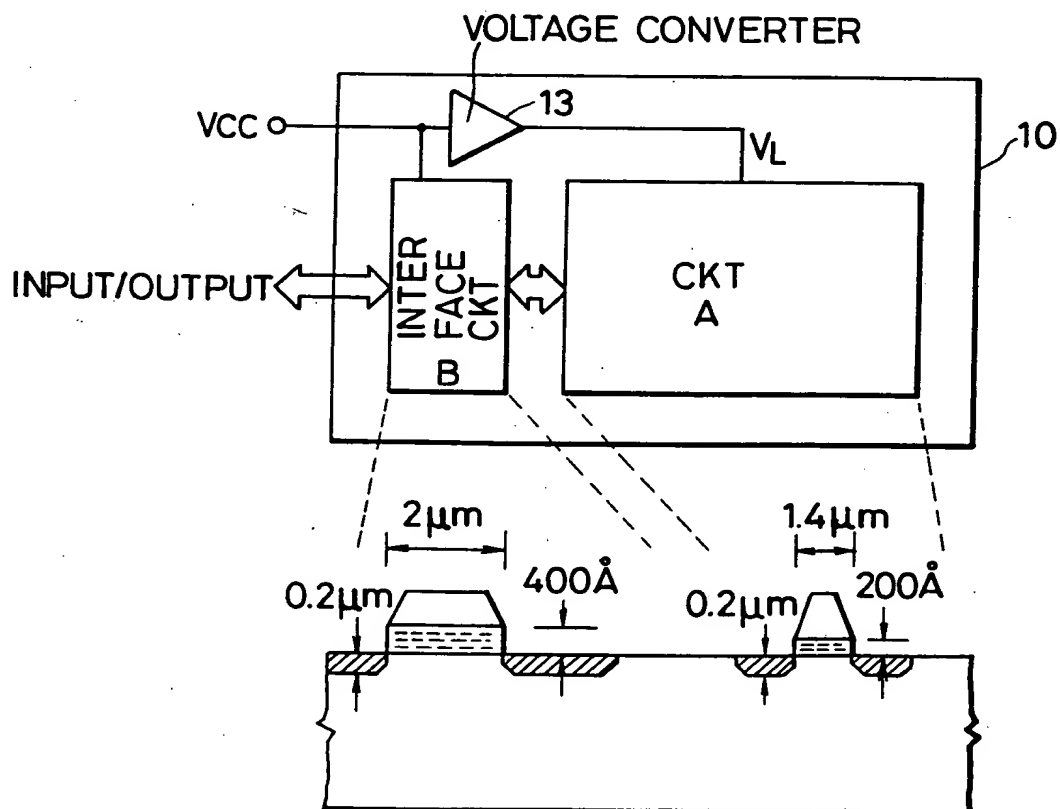


FIG. 3

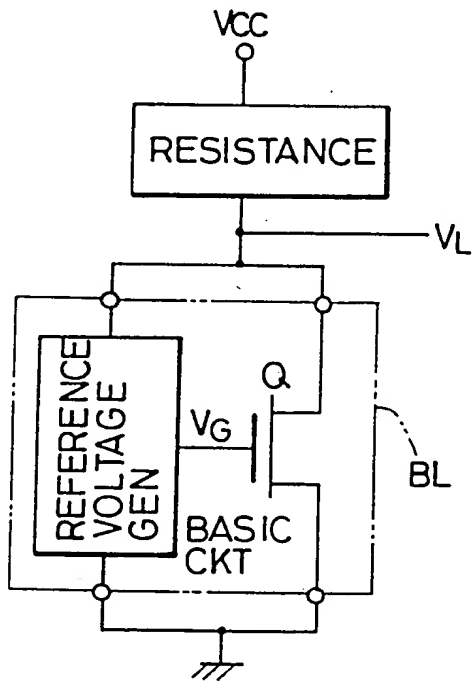


FIG. 5

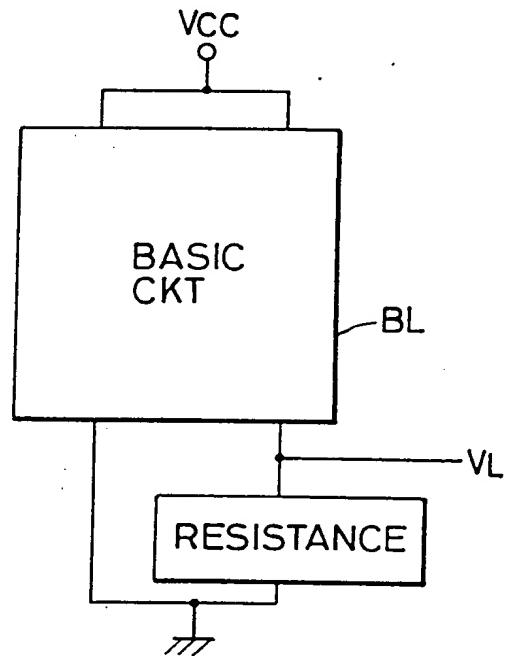


FIG. 4

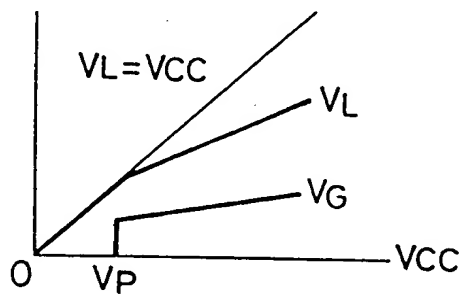


FIG. 6

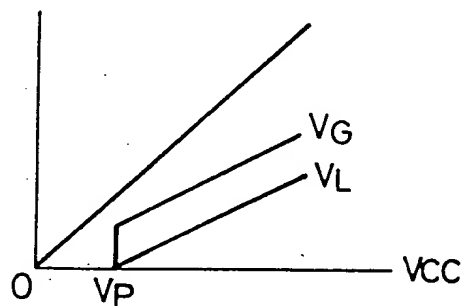


FIG. 7

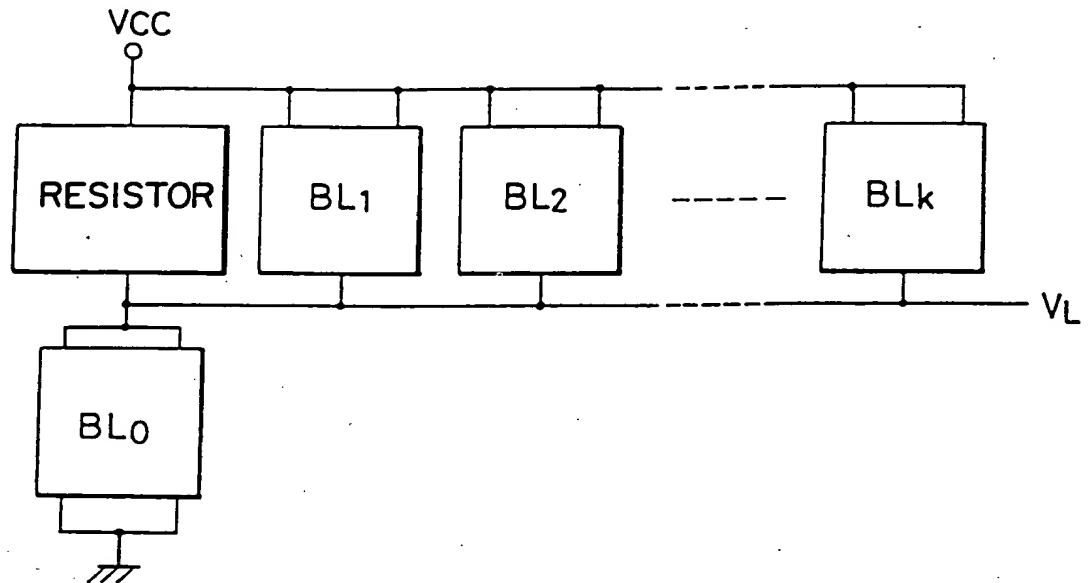


FIG. 8

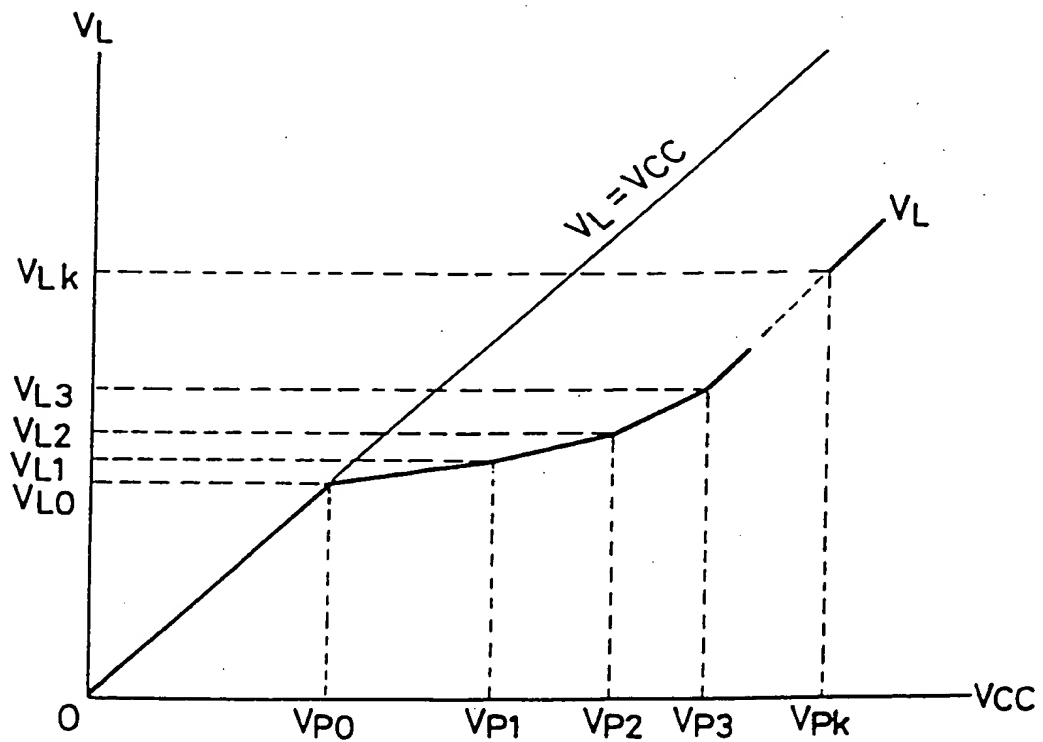


FIG. 9

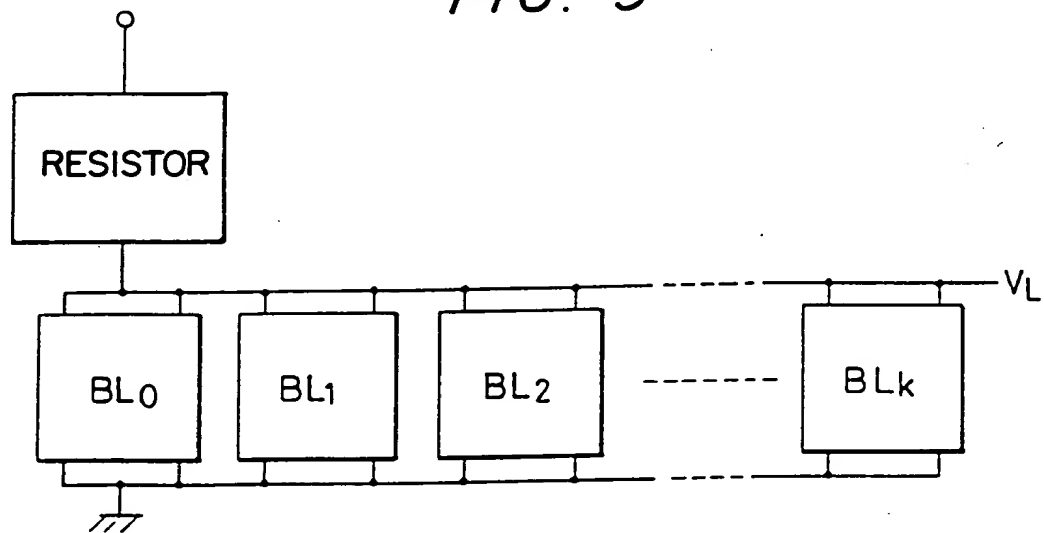


FIG. 10

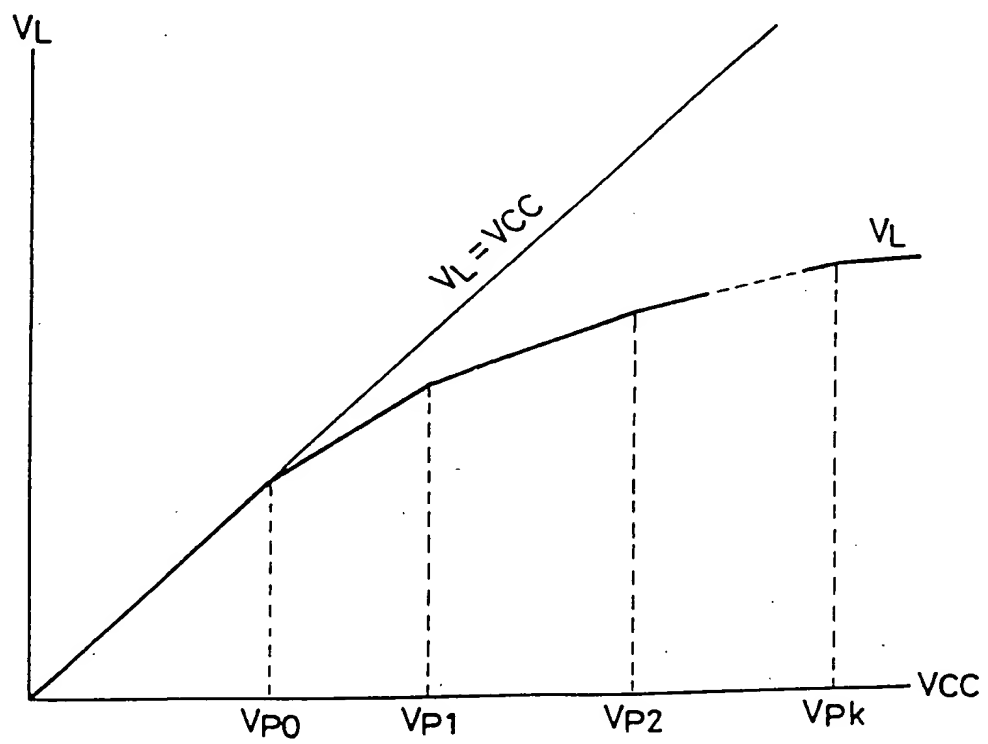


FIG. 11

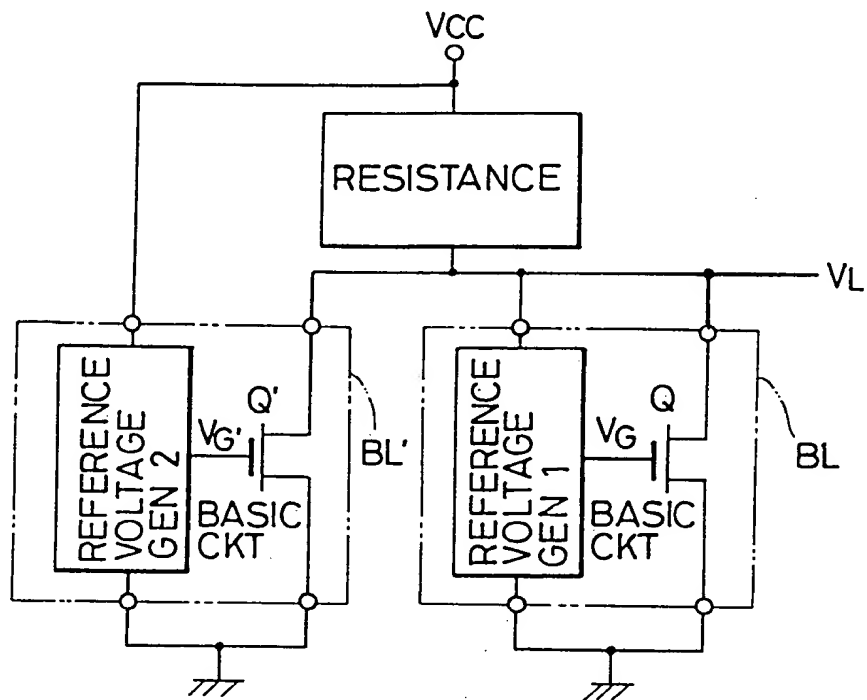


FIG. 12

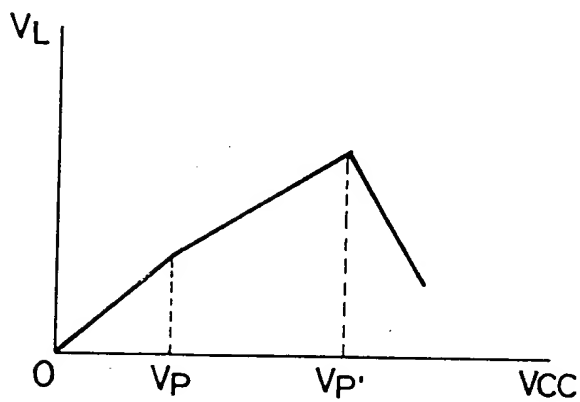


FIG. 15

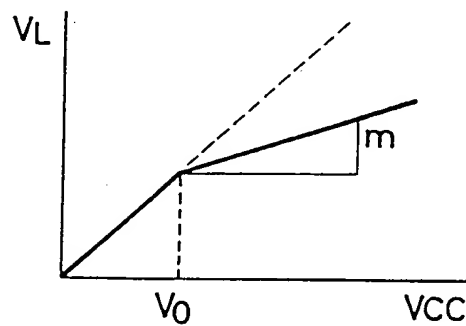


FIG. 13(A)
PRIOR ART

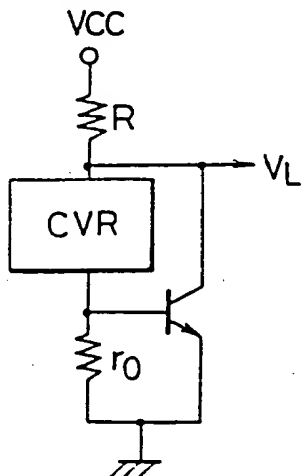


FIG. 13(B)

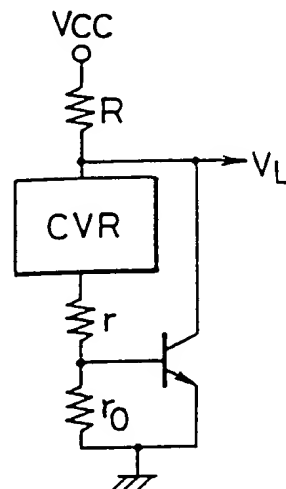


FIG. 13(C)

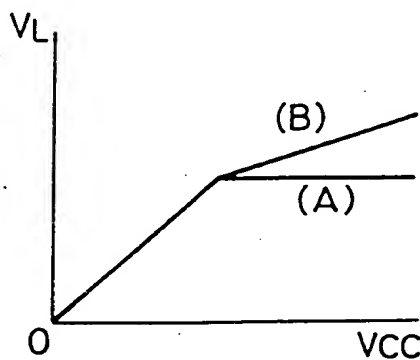


FIG. 14(A)
PRIOR ART

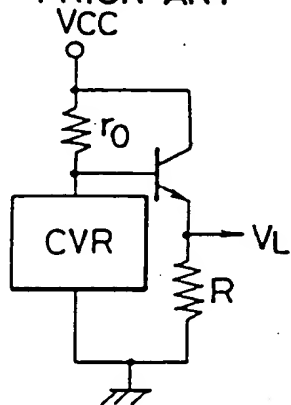


FIG. 14(B)

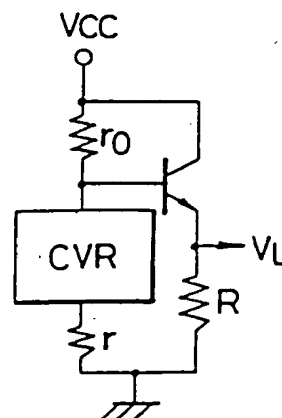


FIG. 14(C)

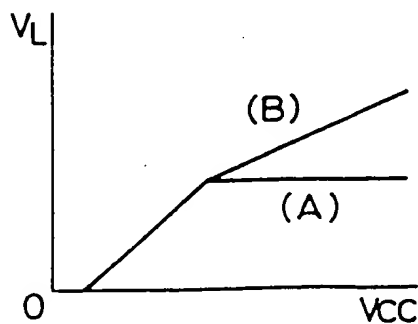


FIG. 16

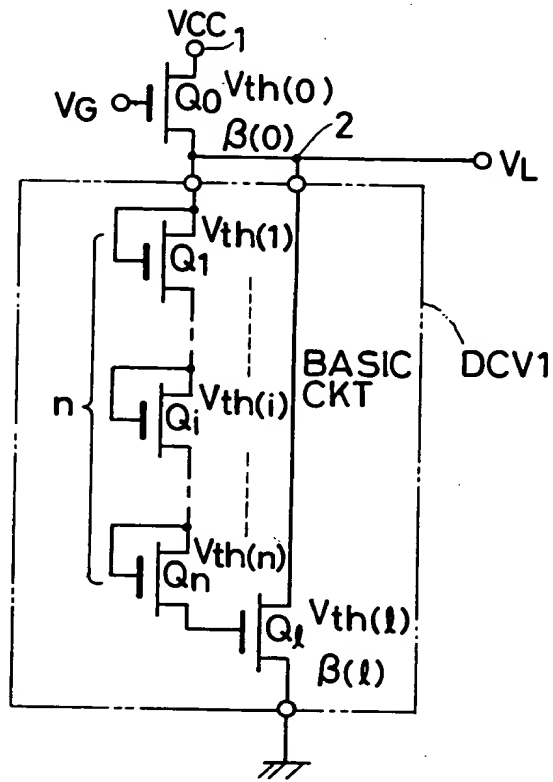


FIG. 17

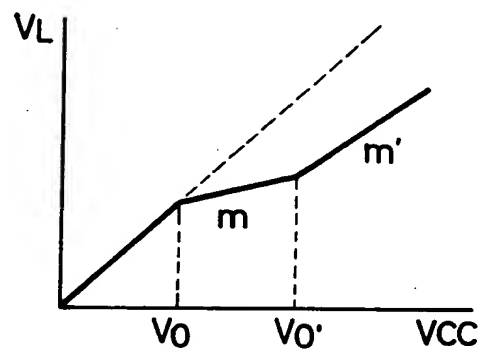


FIG. 18

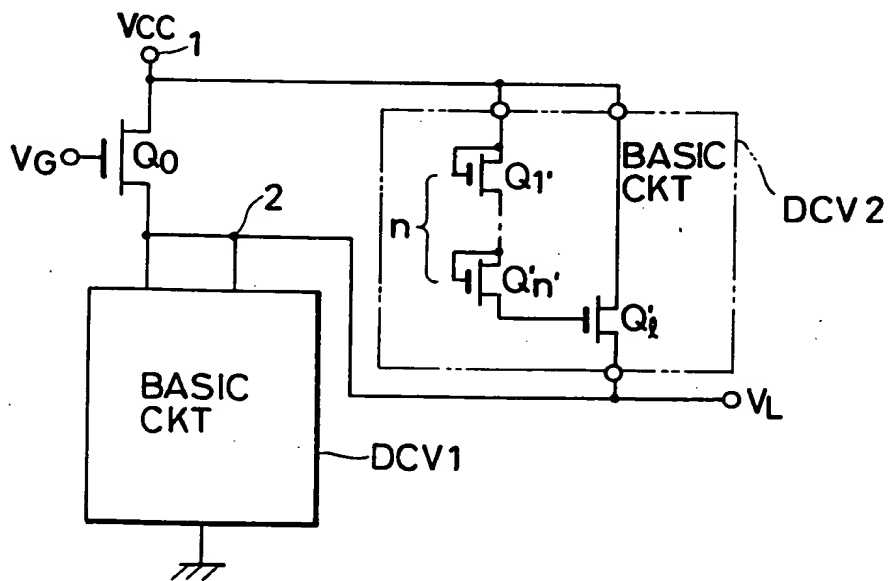


FIG. 19

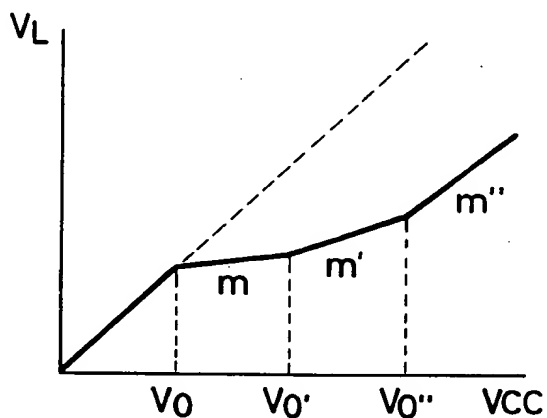


FIG. 21

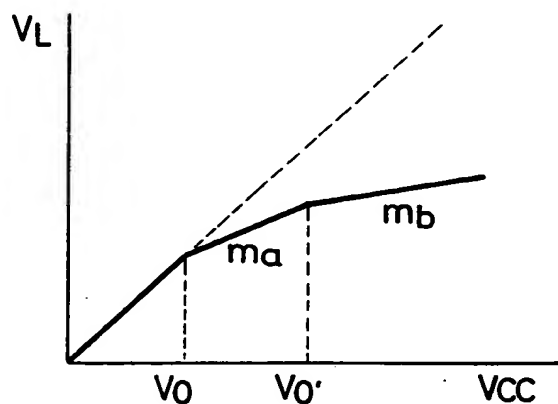


FIG. 20

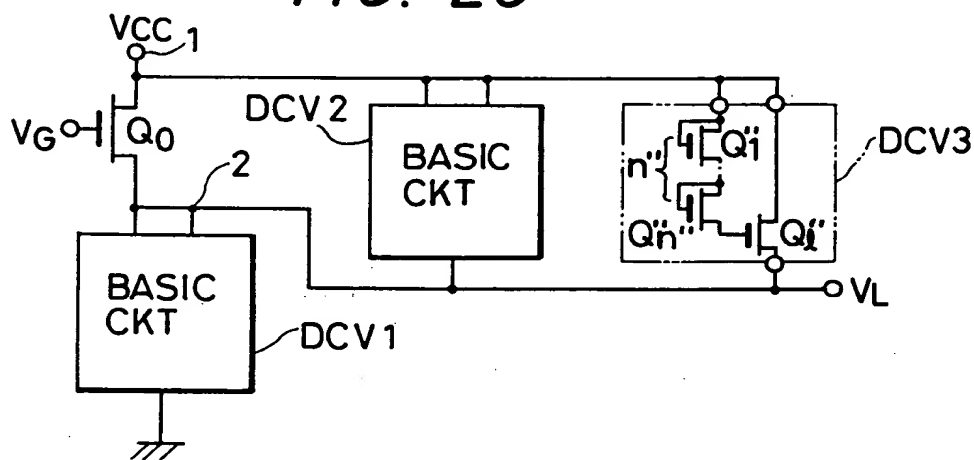


FIG. 22

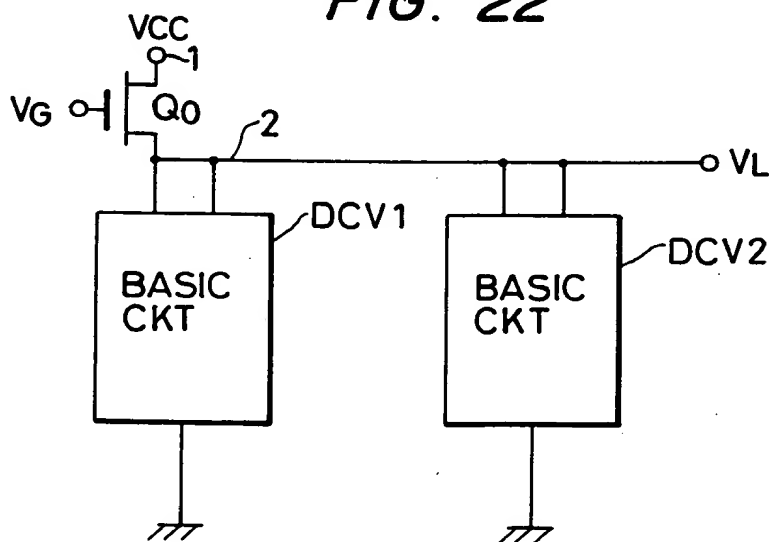


FIG. 23

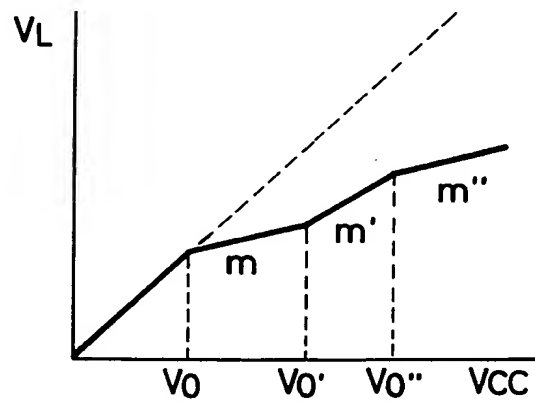


FIG. 24

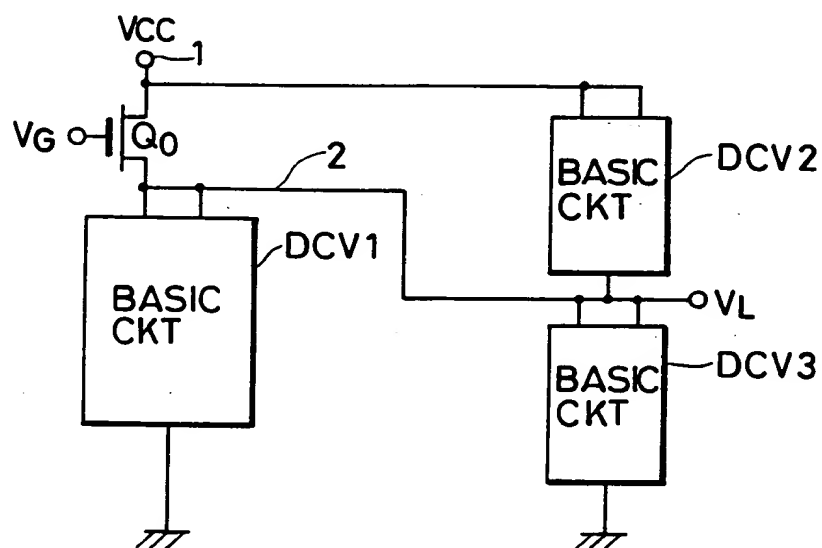


FIG. 25

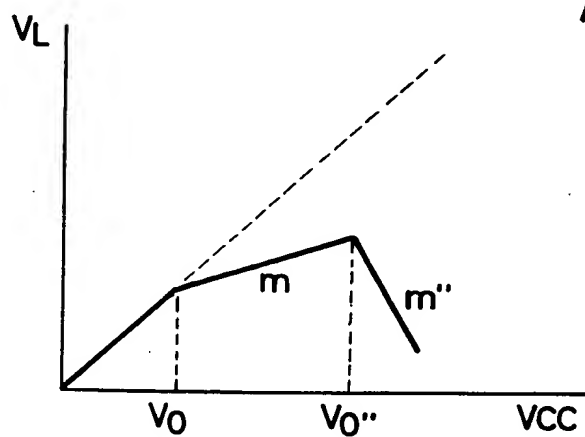


FIG. 26

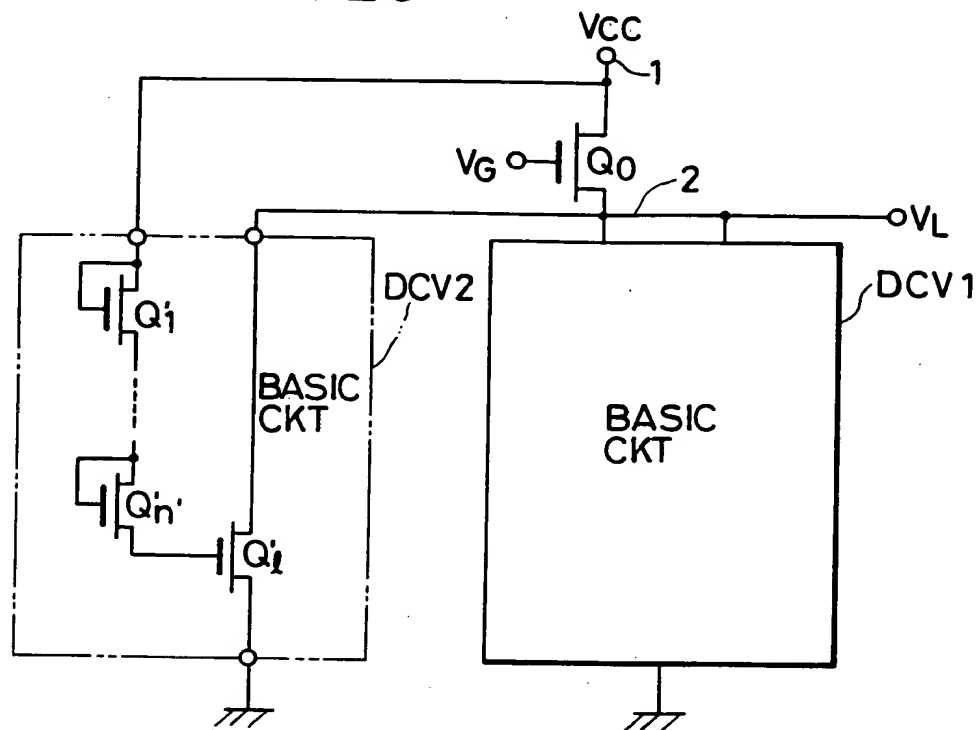


FIG. 27

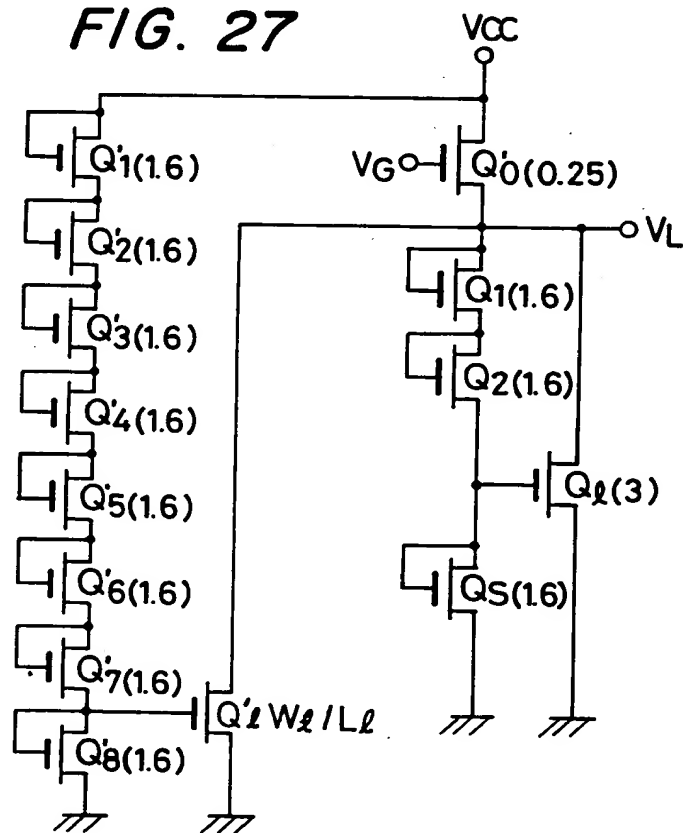


FIG. 29(A)

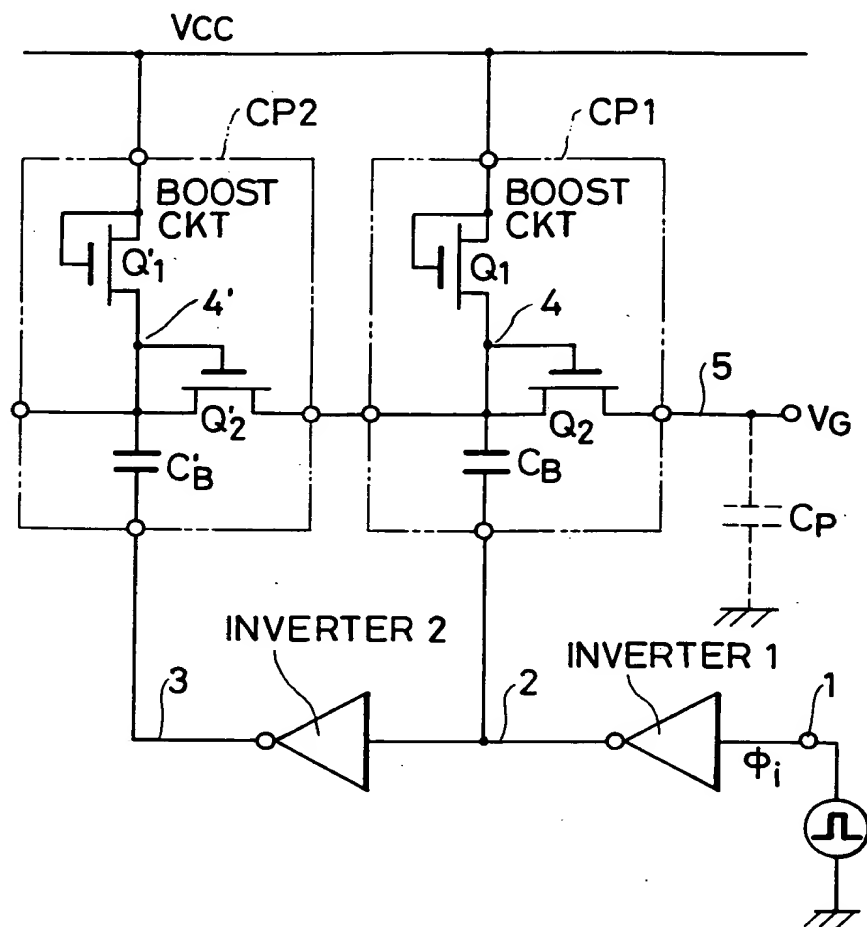


FIG. 29(B)

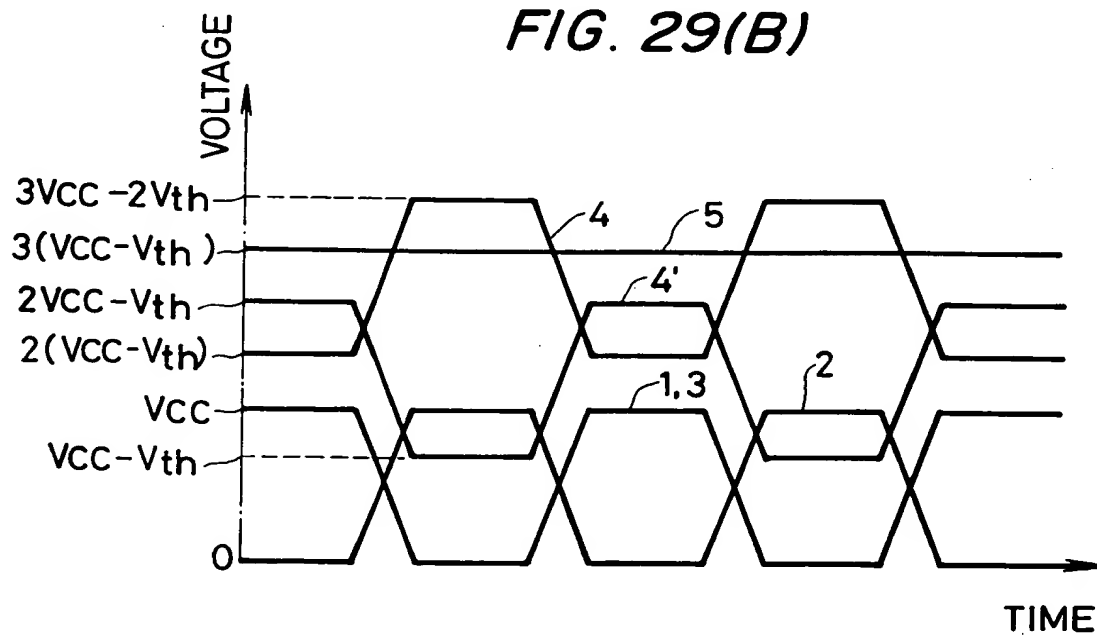


Figure 1 is a graph showing the load voltage V_L (V) versus the supply voltage V_{CC} (V) for a common-emitter amplifier. The graph includes three curves for different W_L/L_L ratios: 1600, 32, and 160. A dashed line represents $V_L = V_{CC}$. The curves show that as W_L/L_L decreases, the maximum V_L increases and the slope of the curve decreases.

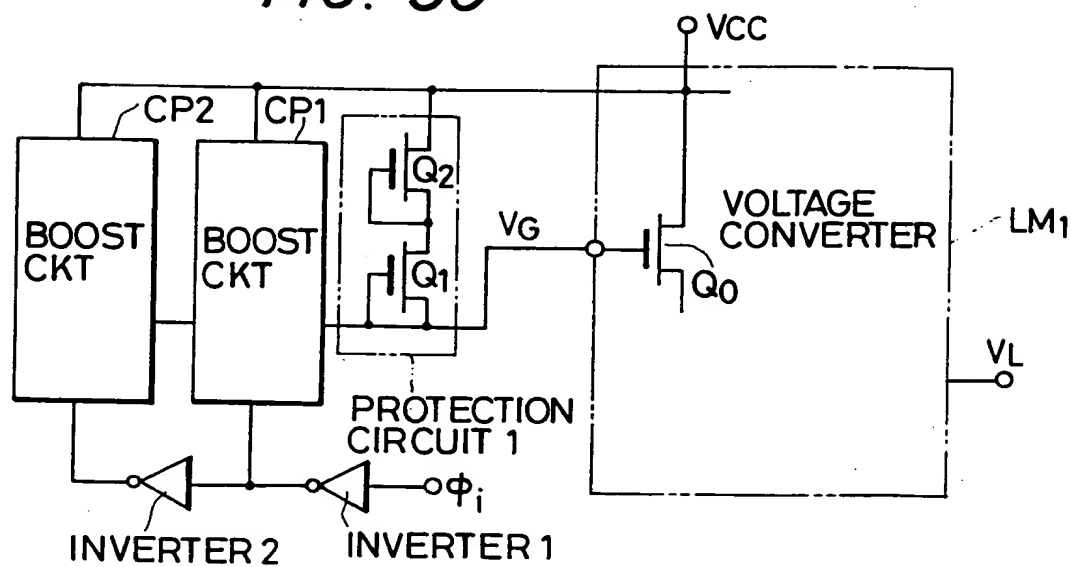


FIG. 32

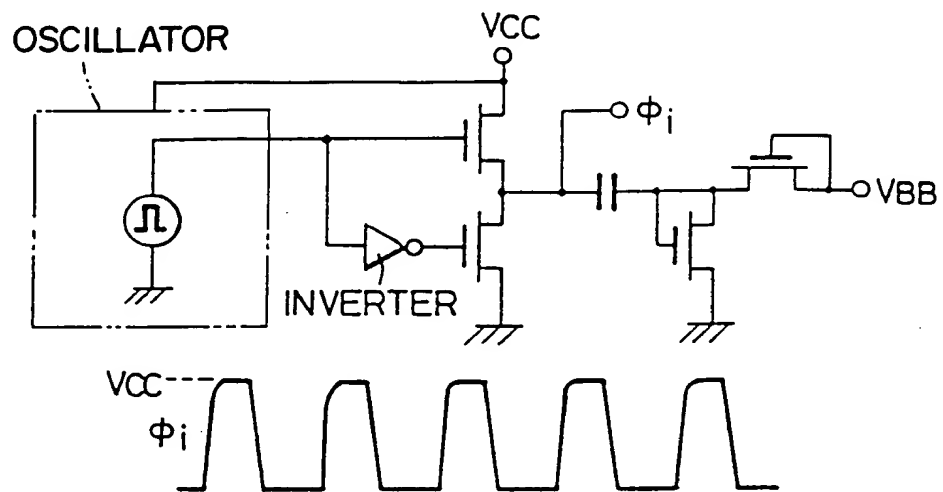


FIG. 33

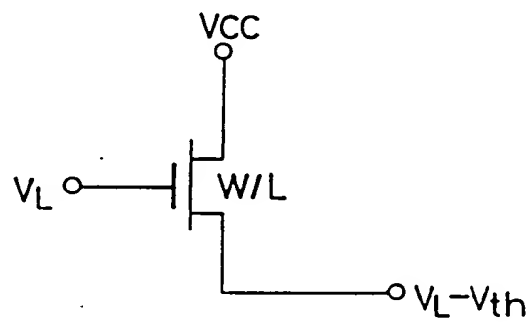


FIG. 34

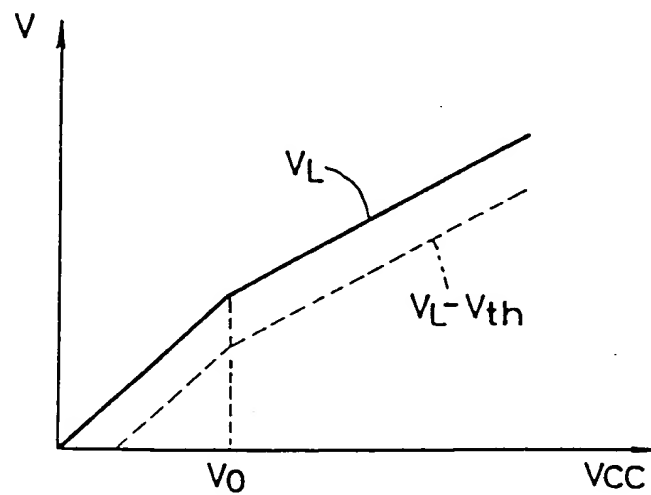


FIG. 35

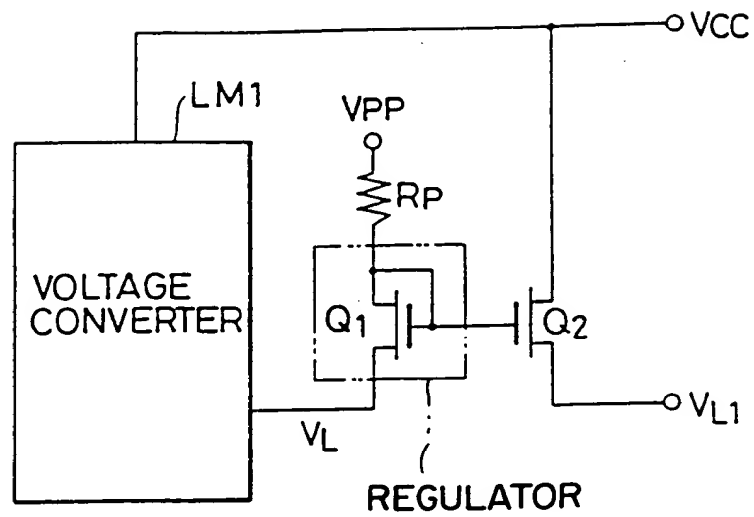


FIG. 36

